



County Borough of Southampton

ANNUAL REPORT

ON THE
SCHOOL HEALTH SERVICE

For the Year 1947

BY


H. C. MAURICE WILLIAMS, O.B.E.

M.R.C.S., L.R.C.P., D.P.H.

School Medical Officer and Medical Officer of Health

TO THE

County Borough and Port of Southampton



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1948
The Shirley Press Limited
Church Street, Southampton

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COUNTY BOROUGH OF SOUTHAMPTON
1947

ANNUAL REPORT
OF THE
Medical Officer to the Education Committee
ON THE
SCHOOL HEALTH SERVICE

STAFF.

Medical Officer of Health and School Medical Officer :—

H. C. MAURICE WILLIAMS, O.B.E., M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health and School Medical Officer :—

W. P. CARGILL, B.SC., M.B., M.R.C.S., D.P.H.

Senior Assistant School Medical Officer :—

G. R. TAYLOR, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H. (Left 19/4/1947).

C. R. M. GREENFIELD, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.
(Commenced 10/3/1947).

Assistant School Medical Officers :—

ENID W. BRETT, L.R.C.P., L.R.C.S., (Left 8/3/1947).

EVELYN M. CUMMING, M.R.C.S., L.R.C.P., D.P.H.
(Commenced 1/3/1947, Left 30/11/1947).

CATHERINE M. ATKINS, M.B., CH.B. (Commenced 21/4/1947).

Ophthalmic Surgeon :—

J. KEYMS, B.A., M.D., CH.B., B.A.O.

Aural Surgeon :—

J. B. SUGDEN, M.B., B.S., M.R.C.S., L.R.C.P., D.L.O.

Orthopaedic Surgeon (part time) :—

H. H. LANGSTON, M.B., B.S., F.R.C.S.

Speech Therapist (part time) :—

A. P. TOLFREE, M.S.S.T.

Dental Surgeons :

- C. A. BLANDEN, B.D.S. (Senior Dental Officer). (Left full-time 30/6/1940).
(Part-time 1/7/1947 to 31/10/1947).
A. TOPPING, L.D.S., R.C.S., (Senior Dental Officer). (Commenced 1/9/1947).
L. J. HAWORTH, L.D.S., R.C.S. (Left 30/4/47).
LORNA M. J. EWART, L.D.S. (Left 30/4/1947).
E. H. RANDERSON, L.D.S., R.C.S.
G. G. DAVIS, L.D.S. (Commenced 13/10/1947).
S. G. P. SHEFFIELD, L.D.S., R.C.S. (Commenced 1/12/1947).
J. H. THOMSON, L.D.S., R.C.S. (Commenced 3/11/1947).

Health Visitors and School Nurses :—

Superintendent :—Miss C. M. RITCHIE.

Health Visitors :—Miss R. CHAPMAN, Miss J. OLIVER (left 14/10/1947),
Miss D. QUARREL (Retired 20/9/1947), Miss L. CAMBRIDGE, Miss
A. JACKSON, Miss D. FLAHERTY, Mrs. M. B. RIDGEWAY, Miss A. V.
ARTHURS, Mrs. F. E. JEFFRIES, Miss J. M. MARTIN (Left 22/3/1947),
Miss K. M. POTTER (Left 21/3/1947), Miss P. C. WILLIAMS (Left
13/2/1947), Miss A. J. RYDER.

Nurses :—Miss D. G. NORTHEY, Mrs. C. E. STEELE, Mrs. P. K. JACKSON
(Left 28/2/1947), Miss W. LAWRENCE (Commenced 3/3/1947),
Mrs. F. M. WATSON (Commenced 18/2/47), Miss W. L. FRY,
(Commenced 1/12/1947), Mrs. E. M. McKEE (Commenced 27/10/1947)

Senior Clerk :—G. A. LANE.

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION COMMITTEE.

LADIES AND GENTLEMEN,

As Medical Officer to the Education Committee, I have the honour to submit my Seventeenth Annual Report. This document is the fortieth in the series which deals with the work of medical inspection, treatment, and the physical condition of children attending schools in the County Borough of Southampton.

The routine medical inspection of children attending the Southampton schools proceeded throughout the year, and for the first time since the beginning of the war, I am pleased to report that all the primary and secondary (modern) schools were visited by the Assistant School Medical Officers. Medical inspection was also carried out at King Edward VI Grammar School, but owing to school examinations and other difficulties, medical inspection did not take place at the remaining grammar schools. The number of children who received routine inspection was 6,939. The Head Teachers were encouraged to present for examination those children who appeared to be in need of medical advice, but who were outside the prescribed age groups. Seventy-six children in this category were seen. The important work of the re-inspection of those children found at routine examination to need treatment or observation for defective conditions, received due consideration and during the year, 2,249 children were dealt with, making a total of 9,264 examinations carried out in the schools.

It is pleasing to record an appreciable improvement in the incidence of head uncleanliness. As a result of 69,304 examinations carried out by the Health Visitors in the schools, 993 Forms " B " necessitating exclusion, were issued. During the previous year, 68,294 examinations, resulting in 1,593 exclusions, were recorded. Statistics relating to the cleansing of the cases found to have head infestations will be found on Page 15. The procedure for the routine cleanliness examinations remained unchanged. The Health Visitors visited each school at the commencement of the term and examined all the children in attendance. Children found with head infestations were excluded from school for twenty-four hours, and the parents given written advice as to the correct method to remedy the defective condition. The parents were instructed to send the children to the school clinics for final examination. The Scabies Order of 1941 was again used to deal with the cases of persistent uncleanliness, and where the requirements of the notices served under the Order were disregarded, legal proceedings were instituted. One hundred and twenty-one families were dealt with under the Order, and in three cases legal action was taken, resulting in

a fine of one pound in the case of one parent and the withdrawal of proceedings in the other two cases, following a caution, the persons concerned having attended at the clinic for the required examination or treatment. The Scabies Order expired on the 31st December, 1947, and from the 1st January, 1948, the provisions of Section 54 of the Education Act, 1944, will be put into operation to deal with cases of uncleanness. The position with regard to the incidence of scabies improved tremendously during 1947, 1,213 persons receiving treatment at the various centres compared with 2,408 in 1946.

Medical examination of the pre-school children attending the Day Nurseries was carried out at intervals of two months ; children found to be suffering from defective conditions were referred either to private practitioners or to the appropriate clinic services.

Dental Inspection at the Day Nurseries was also undertaken and again the facilities for treatment were made available for children referred for treatment by the dental officers.

The consumption of milk in school, together with the provision of school meals, has again shown an increase during 1947, an additional 526,591 one third pints of milk and 209,470 meals having been supplied as compared with 1946. Detailed statistics concerning the provision of meals and the consumption of milk, together with the supply of codliver oil and malt, will be found on Page 38.

Difficulty in obtaining the necessary staff has prevented the re-establishment of the Child Guidance Centre, but I am hopeful that this will commence to operate early in the new year. There is an obvious need for this service in Southampton, as is evidenced by the long list of children referred for investigation.

In the introduction to my Report for 1946, I foreshadowed the transfer of the School Health Service from its war-time home at Mount Pleasant School to more suitable premises at King's Park Road. The actual move took place in August with very little interruption to the clinic services. The working conditions have been made easier in the new building, and the efficiency of the service has been greatly improved.

Oatlands House Clinic was opened in October to serve Shirley and the large area adjacent. The children attending schools within this Area may receive treatment for skin and minor ailments, general inspections, and diphtheria immunisation together with dental treatment and thus avoid the long journey to the central clinic at King's Park Road.

Prefabricated huts are at present being erected on the site of the old Sydney House Clinic, and I anticipate that these will be put into use early in 1948 to replace the temporary clinic facilities at Itchen Secondary School.

Dr. G. R. Taylor, Senior Assistant School Medical Officer, resigned his appointment in April, 1947, on obtaining the post of Deputy Medical Officer of Health to the Borough of Ealing, Middlesex, and Dr. C. R. M. Greenfield was appointed to fill the vacancy.

In conclusion, I desire to express my appreciation and thanks to the Chairman and Members of the School Clinic (Joint) Sub-Committee for their support and encouragement and for the courtesy with which they have considered my many suggestions and recommendations.

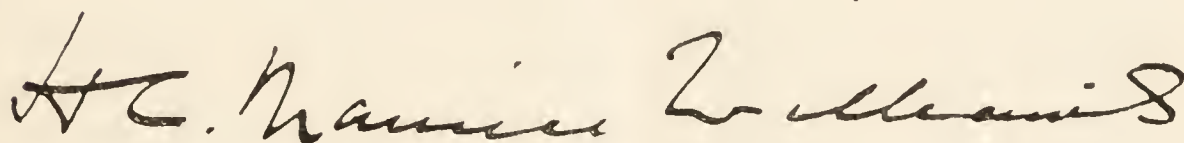
I also wish to thank the Officers of the Education Department, The National Association for the Prevention of Cruelty to Children, The Southampton Mental Welfare Association, the Voluntary Hospitals, and the Teachers for their co-operation and valuable assistance.

To the members of the Medical, Dental, Nursing and Clerical Staff, I express my appreciation and thanks for the willing and conscientious work carried out during the year.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

A handwritten signature in dark ink, appearing to read 'H. C. Hamer'. The signature is written in a cursive, flowing style with some loops and flourishes.

School Medical Officer.

CO-ORDINATION.

The arrangements for the co-ordination of the Public Health Services and the School Health Service have continued.

In Southampton close co-operation is maintained, the medical and nursing staff carrying out both Public Health and School Health work while the administration is directed by the Medical Officer of Health who is also School Medical Officer and Superintendent of the Municipal Hospitals.

The School Health Service therefore functions as a unit of the Health Department.

SCHOOL MEDICAL INSPECTION.

The number of schools and departments in the Borough is as follows :—

Number of Schools	.....	.....	.....	.....	38
Number of Departments.	Primary	.....	.....	.....	50
Number of Departments.	Secondary (Modern)	.....	.....	.....	17

In addition to the above there are five Grammar Schools.

The following table gives details of the number of children examined in the routine age groups.

School	Entrants		2nd Age Group		3rd Age Group		Total
	Boys	Girls	Boys	Girls	Boys	Girls	
Aldermoor	34	28	15	15	—	—	92
Ascupart	120	76	14	7	—	—	217
Bassett Green	72	70	81	93	—	—	316
Bevois Town	54	30	13	10	—	—	107
Bitterne C. of E.	52	54	26	28	—	—	160
Bitterne Manor	6	11	15	16	—	—	48
Bitterne Park	98	121	82	82	34	34	451
Central	77	55	102	59	65	—	358
Chestnut Road	6	4	45	38	—	—	93
Deanery	—	—	12	14	42	49	117
Foundry Lane	136	89	122	104	—	—	451
Freemantle	30	25	34	16	—	—	105
Highfield	41	41	21	21	—	—	124
King Edward VI	15	—	80	—	133	—	228
Laundry Road	25	24	—	—	—	—	49
Ludlow Road	147	134	110	83	—	—	474
Merry Oak	—	—	2	—	79	—	81
Mount Pleasant	19	19	—	54	—	70	162
Northam	43	36	33	26	—	—	138
Portswood	13	20	42	34	44	50	203
Regent's Park	57	59	56	69	66	68	375
St. Denys	59	60	30	45	—	—	194
St. John's	25	19	12	9	—	—	65
St. Joseph's	7	2	3	2	3	3	20
St. Jude's	25	30	—	—	—	—	55
St. Mark's	33	39	13	14	—	—	99
St. Mary's	21	19	—	30	—	—	70
St. Monica Road	87	58	75	46	—	—	266
Shirley	69	69	16	18	—	—	172
Shirley Warren	—	—	44	58	61	84	250
Sholing (Middle Road)	75	78	43	106	—	74	376
Springhill	47	47	25	15	14	9	157
Swaythling	30	37	66	48	66	75	322
Western	25	63	15	17	44	41	205
Westfield Hall	12	5	—	—	—	—	17
Woolston (Porchester Road)	—	—	33	28	67	54	182
Woolston (Church Road)	33	19	—	—	—	—	52
Woolston R.C.	32	24	12	7	6	7	88
TOTALS	1625	1465	1292	1212	727	618	6939

ATTENDANCE OF PARENTS.

The following table shows the attendance of parents during the year, with comparative figures for the previous five years.

AGE GROUP	Number of Children Inspected	Number of Parents Present	Percentage in					
			1947	1946	1945	1944	1943	1942
Entrants								
Boys	1625	1399						
Girls	1465	1276						
	3090	2675	86.6	84.6	85.0	85.2	82.2	85.6
2nd Age Group								
Boys	1292	893						
Girls	1212	874						
	2504	1767	70.6	59.2	Not Inspected Previous to 1946			
3rd Age Group								
Boys	727	248						
Girls	618	298						
	1345	546	40.6	36.0	38.7	30.2	37.5	66.8
TOTALS	6939	4988	71.9	68.0	64.7	61.9	64.2	82.2

Findings at Medical Inspection.

WEIGHT, HEIGHT AND CHEST MEASUREMENTS.

The weight and measurements of each child to be medically examined at routine inspections are ascertained by a Health Visitor.

The statistics given below for the three age groups, have been obtained by the same methods as in previous years, and comparative figures for the previous five years are also given.

COMPARATIVE TABLE OF CODE AGE PERIODS.

BOYS.

	WEIGHT	HEIGHT	CHEST
	st. lbs. ozs.	inches	MEASUREMENT
			inches
5 Years.			
1947	2 12 12.8	42.7	21.4
1946	3 0 14.6	43.2	21.5
1945	2 13 8.8	42.2	19.7
1944	2 13 9.1	42.6	21.7
1943	3 0 10.4	43.2	21.6
1942	2 13 8.5	41.8	21.3
8 Years.			
1947	3 11 0.6	47.7	22.9
1946	3 12 13.6	48.8	23.2
1945	3 10 11.7	50.4	22.3
1944	3 11 10.8	48.2	23.1
1943	3 12 3.1	48.5	23.0
1942	3 7 14.0	47.5	22.8
12 Years.			
1947	5 9 11.2	57.2	26.2
1946	5 5 9.2	56.2	25.9
1945	5 6 13.0	56.0	25.5
1944	5 9 5.5	56.6	26.7
1943	5 4 5.2	54.3	25.6
1942	5 0 1.9	54.5	25.3

GIRLS

5 Years.	WEIGHT			HEIGHT inches	CHEST MEASUREMENT inches
	st.	lbs.	ozs.		
1947	2	9	3.5	42.2	20.7
1946	2	13	2.9	42.8	21.1
1945	2	13	2.4	42.6	19.3
1944	2	12	14.8	42.5	21.2
1943	2	12	14.5	42.8	21.0
1942	2	12	14.0	42.3	20.8

8 Years.	WEIGHT			HEIGHT inches	CHEST MEASUREMENT inches
	st.	lbs.	ozs.		
1947	3	10	6.4	48.4	22.5
1946	3	11	9.1	48.7	22.7
1945	3	8	13.1	48.0	21.5
1944	3	9	10.1	48.2	22.6
1943	3	10	12.4	48.4	22.4
1942	3	8	7.1	47.6	22.4

12 Years.	WEIGHT			HEIGHT inches	CHEST MEASUREMENT inches
	st.	lbs.	ozs.		
1947	5	12	11.5	58.0	27.1
1946	5	7	12.3	56.1	25.1
1945	5	11	15.3	58.0	26.6
1944	5	10	13.6	56.7	27.2
1943	5	4	9.5	55.6	26.1
1942	5	4	2.7	55.0	25.1

DEFECTIVE VISION AND EYE DISEASE.

The following table shows the incidence of eye defects in the various age groups :—

DEFECTS OF THE EYES REQUIRING TREATMENT OR OBSERVATION FOUND AT ROUTINE MEDICAL INSPECTION, 1948.

Age Group	Number Examined	Defective Vision		Squint		Other Conditions		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3090	186	6.0	30	1.0	10	0.3	226	7.3
2nd Age Group	2504	241	9.6	6	0.2	9	0.4	256	10.2
3rd Age Group	1345	132	9.8	1	—	6	0.5	139	10.3
TOTALS	6939	559	8.1	37	0.5	25	0.4	621	9.0

CHRONIC TONSILLITIS AND ADENOIDS.

The following table gives details of the defects found in the various age groups :—

DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING TREATMENT OR OBSERVATION, 1947.

Age Group	Number Examined	Chronic Tonsillitis		Chronic Adenoids		Tonsillitis & Adenoids		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3090	257	8.3	43	1.4	194	6.3	494	16.0
2nd Age Group	2504	113	4.5	10	0.4	20	0.8	143	5.7
3rd Age Group	1345	40	3.0	2	0.1	7	0.5	49	3.6
Totals	6939	410	5.9	55	0.8	221	3.2	686	9.9

EAR DISEASE AND DEFECTIVE HEARING.

The following table shows details of the defects found in the various age groups :—

DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING TREATMENT OR OBSERVATION, 1947.

Age Group	Number Examined	Defective Hearing		Otitis Media		Other Ear Diseases		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3090	43	1.4	4	0.1	56	1.8	103	3.3
2nd Age Group	2504	10	0.4	2	0.1	18	0.7	30	1.2
3rd Age Group	1345	4	0.3	—	—	12	0.9	16	1.2
Totals	6939	57	0.8	6	0.1	86	1.2	149	2.1

ORTHOPAEDIC AND POSTURAL DEFECTS.

DEFECTS FOUND AT ROUTINE MEDICAL INSPECTION REQUIRING
TREATMENT OR OBSERVATION. 1947.

Age Group	Number Examined	Posture		Flat Foot		Other Deformities		Total	
		No.	%	No.	%	No.	%	No.	%
Entrants	3090	94	3.0	219	7.0	216	7.0	529	17.0
2nd Age Group	2504	163	6.5	292	11.7	121	4.8	576	23.0
3rd Age Group	1345	42	3.1	83	6.2	51	3.8	176	13.1
Totals	6939	299	4.3	594	8.6	388	5.6	1281	18.5

TUBERCULOSIS.

The following table gives details of the notifications of tuberculosis in school children during the year :—

Location of Disease				Boys	Girls	Total
Pulmonary Tuberculosis				17	22	39
Non-Pulmonary Tuberculosis				9	4	13
Totals				26	26	52

FOLLOWING UP.

The following up of the defects found to require treatment or observation may be divided into two sections, namely, the re-examination by Medical Officers of the cases referred at routine medical inspection, and the subsequent following up by Health Visitors of the cases for which treatment has not been obtained.

HEALTH VISITING WORK.

Visits paid to the homes of :—					
Dental Cases	.....	.....	.....	.....	22
Vision Cases	.....	.....	.....	.....	144
Ear, Nose and Throat Cases	.....	.....	.....	.....	204
Skin Cases	.....	.....	.....	.....	419
General Cases	.....	.....	.....	.....	231
Orthopaedic Cases	.....	.....	.....	.....	115
					——1135
Visits paid to schools	.....	.....	.....	.....	1679
					——2814

CLEANLINESS.

The Health Visitors have continued to carry out their periodic cleanliness examinations of all the children attending school. As a result of 69,304 examinations, 993 Forms “ B ” necessitating exclusion from school were issued.

In Southampton facilities are provided at the School Clinics for the cleansing of the children found unclean. The following details show the work performed :—

Number of individual children cleansed						.....	1,030
Of this number 913 children attended once.							
„	„	91	„	„	twice.		
„	„	18	„	„	three times.		
„	„	7	„	„	four times.		
„	„	1	„	„	five times.		
Total		1,030					

There were, therefore, 1,182 attendances for cleansing, and in each case complete treatment was given.

MUNICIPAL HEALTH CLINICS.

SENIOR SCHOOL DENTAL OFFICER'S REPORT ON THE DENTAL SERVICE.

It has frequently been stated that the minimum requirements of a satisfactory Dental Service are, that every child should be inspected at intervals of not more than twelve months, and that each child found to require treatment should have an opportunity to receive that treatment, following each inspection. That we are far from these minimum requirements in Southampton can be seen from the fact that during the year 1947, periodic dental inspections amounted to 6,718 out of a total of something like 22,000 children. These inspections were made by a staff which has been subject to major changes, and can be estimated as equivalent to a little more than three full-time Dental Officers, a totally inadequate number to do more than perform a fraction of the work required—and it is clear that the year 1947 followed closely along the lines of the previous year, when it was reported that “we are to a large extent confined to treating those children whose parents come to the clinic or write asking for dental treatment for their children.”

From September onwards the new Senior Dental Officer took up his duties, the staff was increased to a total of five full-time Dental Officers, and an effort was made to implement the recommendations contained in the Board of Education Circular 1523. As a result of these improvements, out of the total of 6,718 inspections mentioned above, 4,288 were inspected and offered restricted treatments during the last four months of the year. Under this scheme, statistical comparisons become somewhat irrelevant, but the system offers the best hope of “doing the most good to the largest number of children” whilst the staff and facilities remain below requirements. These latter cannot quickly be improved as they depend in general upon outside considerations such as the supply of qualified personnel, the supply of buildings and materials, and upon national economic considerations, but it would seem that we have some prospect of offering very restricted treatment to most of the children in Southampton during the next twelve months, provided that the staff can be maintained at not less than five full-time officers.

EXTERNAL EYE DISEASE AND DEFECTIVE VISION.

The Ophthalmic Surgeon conducts three sessions weekly at the Main Health Centre and details of the work carried out during the year together with comparative figures for the years 1946 and 1945, are summarised in the following table :—

	1947	1946	1945
Attendances at the Clinic	2,748	2,600	2,328
Individual children seen by the Specialist	1,484	1,351	1,272
Submitted to refraction	548	462	428
Glasses prescribed	511	417	319
Received other treatment	184	68	54
Placed under observation	655	611	700
Found not to require treatment or observation	236	240	113
Number of children for whom Spectacles were :—			
(a) Prescribed .....	.....	.....	511
(b) Obtained .....	.....	.....	498

INSPECTION CLINIC.

As far as possible, all children, who have not been referred previously to one of the Specialist Clinics, are seen at the Inspection Clinic, when it is considered that medical care and attention is required. If, on fuller investigation, it is found that they are in need of special treatment, they are then referred to the Specialist Clinic concerned, those not requiring such treatment continuing to attend at the Inspection Clinic. It must be understood that parents are encouraged to take their children to their own private practitioner wherever possible, and many parents prefer so to do. It will be realised, therefore, that the ailments treated at the Inspection Clinic are various in nature, but some of the commonest are debility, chronic bronchitis and enuresis.

EAR, NOSE AND THROAT CLINIC.

During 1947, the total number of attendances was 3,166, of this, 1,157 were new cases for consultation, the remaining 2,009 being for review or treatment. Arising out of these examinations, 404 children were admitted to the Borough Hospital for tonsil and adenoid operations and 21 for nasal or aural operations. During this period, 52 cases of acute middle ear infection were also admitted to hospital for treatment.

In order to deal with this turn-over, four sessions a week have been necessary. In following a policy of keeping the operation waiting list as low as possible, two operating sessions have been held each week during the major part of the year.

Apart from the delay caused by the epidemic of poliomyelitis, children requiring operative treatment were dealt with promptly.

The treatment of cases of acute middle ear infection has been extremely satisfactory and worth a special mention.

Cases were divided into three categories :—

- (1) Mild or incipient cases requiring only palliative treatment.
- (2) Moderate and border-line cases needing penicillin therapy and treatment to the ear, this being given daily at the clinic.
- (3) Severe cases requiring hospitalisation with penicillin therapy and treatment to the ear.

In these cases it has been necessary to do an acute mastoid operation on one child only.

RHEUMATISM AND HEART CLINIC.

The majority of cases under supervision are referred by Assistant School Medical Officers and Health Visitors for investigation of rheumatic pains, supervision of chorea, or assessment of congenital abnormalities of the cardio-vascular system.

TABLE A.

Under supervision, January, 1947	.....	.....	38
Number seen for first time in 1947	.....	.....	22
Discharged in 1947	.....	.....	7
Under supervision, December, 1947	.....	.....	43
Total number of visits	.....	.....	218

TABLE B.

New Cases :—

History of—

Rheumatic pains	.....	.....	.....	.....	13
Suspected rheumatic pains	.....	.....	.....	.....	5
Chorea	.....	.....	.....	.....	3
Suspected chorea	.....	.....	.....	.....	1

TABLE C.

Of the new cases, the following were suspected or showed evidence of cardiac abnormality :—

Definite carditis	.....	.....	.....	.....	2
Congenital abnormality	.....	.....	.....	.....	2
Functional	.....	.....	.....	.....	3

TABLE D.

Recommendation made during the year with regard to individual children :—

Recommended admission to hospital, hospital school, etc.	.....	.....	.....	.....	1
Private doctor	.....	.....	.....	.....	1
Other clinics	.....	.....	.....	.....	3
Stopped physical training	.....	.....	.....	.....	5
Physical training resumed	.....	.....	.....	.....	3
Unfit for any school	.....	.....	.....	.....	1

ORTHOPAEDIC CLINIC.

The Major Orthopaedic Clinic is held twice monthly by Mr. H. H. Langston, F.R.C.S., Consultant Orthopaedic Surgeon to the Clinic, assisted by Mr. J. D. Wilson, F.R.C.S. (Edin.)

Minor Orthopaedic Clinics are held twice weekly, with the exception of those days on which Major Clinics fall. The Minor Clinics are conducted by the Senior Assistant School Medical Officer.

In the near future, the Orthopaedic Clinic will be held in a special unit built in the grounds of the main Health Centre, and these new quarters will at last provide adequate facilities for this clinic, including room for individual physiotherapy and class exercises, and suitable changing accommodation.

The scheme whereby many minor defects are treated in special remedial classes in the schools, is proving very satisfactory and there are now 21 special classes. Undoubtedly much school time is saved by this treatment being given in the schools and, in addition, more frequent classes are thereby possible for children requiring remedial treatment.

ORTHOPAEDIC CLINIC.

The following table gives details of the defects treated during the year :—

CONGENITAL—				RICKETS—			
Syndactyly	.....	.....	9	Genu Valgum.....	.....	.....	338
Talipes	.....	.....	9	Genu Varum	.....	.....	41
Torticollis	.....	.....	24	Other Forms	.....	.....	13
Spine	.....	.....	5	INFLAMMATIONS—			
Spina Bifida	.....	.....	9	Arthritis	.....	.....	13
Dislocation of Hip	.....	.....	28	Septic Arthritis	.....	.....	8
Short Leg	.....	.....	5	Osteomyelitis	.....	.....	10
Hare Lip and Cleft Palate	.....	.....	4	Osteochondritis	.....	.....	2
Cleft Lip and Palate	.....	.....	6	Osteitis	.....	.....	3
Cleft Lip.....	.....	.....	2	Spondylitis	.....	.....	2
Cleft Palate	.....	.....	3	Synovitis	.....	.....	4
Hemiatrophy	.....	.....	2	Other Forms	.....	.....	3
Osteogenesis Imperfecta	.....	.....	1	PARALYSIS—			
Calcaneo Valgus	.....	.....	4	Erb's Palsy	.....	.....	4
Other Forms	.....	.....	25	Poliomyelitis	.....	.....	33
TRAUMATIC—				Congenital Spastic Paresis	.....	.....	8
Dislocation	.....	.....	2	Spastic Diplegia	.....	.....	3
Old Fracture	.....	.....	3	Spastic Hemiplegia	.....	.....	3
Scarring	.....	.....	7	Spastic Paraplegia	.....	.....	6
Sprains	.....	.....	4	Spastic Monoplegia	.....	.....	7
Adolescent Slipped Epiphysis	.....	.....	1	Bell's Palsy	.....	.....	1
Other Forms	.....	.....	11	TUBERCULOSIS—			
OTHERS—				Skin	.....	.....	2
Kypholordosis	.....	.....	10	Spine	.....	.....	9
Kyphosis	.....	.....	41	Hip	.....	.....	11
Kyphoscoliosis	.....	.....	2	Upper Limb	.....	.....	9
Scoliosis	.....	.....	126	Lower Limb	.....	.....	23
Lordosis	.....	.....	5	Amputation Lower Limb	.....	.....	1
Poor Posture	.....	.....	287	Other Forms	.....	.....	7
Pes Planus	.....	.....	684	VARIOUS OTHER CONDITIONS—			
Pes Cavus	.....	.....	18	Ataxia	.....	.....	1
Pes Valgus	.....	.....	191	Choreo Athetosis	.....	.....	4
Pes Varus	.....	.....	3	Sterno-mastoid Tumour	.....	.....	3
Hallux Rigidus	.....	.....	1	Baker's Cyst	.....	.....	2
Hallux Valgus	.....	.....	124	Lipoma	.....	.....	1
Metatarsus Varus	.....	.....	15	Brodie's Abscess	.....	.....	3
Other Foot Deformities	.....	.....	389	Fibroma	.....	.....	1
Plantar Wart	.....	.....	2	Ganglion	.....	.....	1
Equino Cavus	.....	.....	5	Perthe's Disease	.....	.....	2
Other Forms	.....	.....	90				
</							

ANALYSIS OF ATTENDANCES AT THE ORTHOPAEDIC CLINIC, 1947.

Classification	Under School Age		School Age		Over School Age		Total	
	New	Old	New	Old	New	Old	New	Old
Tuberculosis— Spine	—	1	1	4	2	1	3	6
Hips	—	—	4	6	1	2	5	8
Other Joints	—	1	12	15	1	1	13	17
Other Crippling Diseases Feet and others	195	153	1024	673	8	2	1227	828
Spine	25	9	419	253	5	1	449	263
Rickets	3	2	2	—	—	—	5	2
Total	223	166	1462	951	17	7	1702	1124
Cases from County	—	—	—	—	—	—	3	2
						Total	1705	1126

REPORT BY THE PHYSICAL TRAINING ORGANISER ON THE SCHOOL REMEDIAL EXERCISE CENTRES.

The twenty-one Remedial Centres covering the school population of Southampton, have done good work this year. A total of 1,150 children have attended the Centres and many have been discharged as so much improved that physical training in their ordinary school classes is considered sufficient.

An Assistant Medical Officer has examined the children at the Centres each term. These visits are of great value and both teachers and parents appreciate the close medical supervision of the work.

There is an increasing amount of co-operation from the parents, particularly when talks and demonstrations have been given.

An interesting fact worthy of recording is that the average age of children attending remedial classes is gradually getting lower, due to defective conditions receiving attention in the Infant and Primary School stage. The only non-primary cases in the classes concern children who develop some postural defect during adolescence or who enter the town at a later age.

Unsuitable and bad foot wear is still common in the poorer areas and there is difficulty in persuading parents to make provision for the wedging of shoes when this is recommended.

Difficulties of accommodation and unsuitable floors are still a matter of concern.

SCHOOL REMEDIAL EXERCISE CENTRES.

The following table gives details of the work carried out during 1947 :—

Name of Centre	No. of children for whom ac- commodation is available	No. of indivi- dual children dealt with during 1947	Total No. of attendances made by chil- dren during 1947
Aldermoor	30	32	931
Bassett Green	30	67	2244
Bitterne Park Junior	24	80	995
Bitterne Park Senior	20	36	444
Deanery	20	60	1020
Foundry Lane	24	47	1453
Girls' Grammar	20	36	784
Itchen Grammar	20	35	1301
King Edward VI	20	46	694
Ludlow Road	25	65	1967
Mount Pleasant	25	100	1885
Portswood	30	70	1792
Regent's Park	30	61	2063
Shirley	30	44	1778
Shirley Warren	25	46	2940
Sholing (Middle Road)	30	71	1539
St. Anne's	20	57	1538
Swaythling	30	59	1690
Taunton's	20	20	1840
Western	20	59	1226
Woolston (Porchester Road)	24	59	1427
	TOTALS	1150	31551

ASTHMA CLINIC.

This is held each week at King's Park Road Health Centre and attendances have been well maintained throughout the year. There are now a total of 60 cases under supervision.

The majority of new cases are referred by Assistant School Medical Officers at Routine School Medical Inspection and by the Health Visitors, but it is encouraging to note that some are referred for treatment by Medical Practitioners in the town or are brought direct by the parents.

In addition, some cases have been referred to this Clinic by the County Authority to facilitate easy access to a treatment centre.

Full diagnostic facilities and treatment where necessary, are available for all cases at the various specialist clinics and at the Borough Hospital.

Protein Sensitivity Tests are available and are carried out when considered necessary or helpful, but, generally speaking, better results are obtained by concentrating on an improvement in the child's general health, treatment of associated affections of the nose, throat and respiratory organs, as well as control of the number and severity of attacks of asthma to the fullest possible extent. Two cases were treated during the year by specific protein therapy, with very good results.

The breathing exercises recommended by the Asthma Research Council are prescribed in many cases, and some very good results obtained, this being specially notable where parents and patients are fully co-operative.

A table is appended which will give some idea of the results obtained. It is pointed out that under the heading "No Change," are included patients who, although showing signs of improvement, were not considered to have attended the Clinic long enough for them to have been classified otherwise.

	Boys	Girls	Total
Number of cases treated	50	17	67
Average age at onset (years)	4	3	
PROGRESS—			
Greatly improved	1	—	1
Improved	31	13	44
No change	18	4	22

SKIN CLINIC.

Scabies incidence showed a welcome reduction, but impetigo remained prevalent. For this latter condition local treatment with penicillin was instituted. As far as can be seen at present this has led to a decrease in the length of time necessary for a cure, and therefore, to a shorter period of exclusion from school. Future results are awaited with interest.

Plantar warts were found fairly commonly, but only one outbreak of any note occurred at any one school. A careful record is kept of all cases and of the schools they attend, in order that any possible outbreak can be detected at an early stage and the matter be investigated at once.

Five cases of scalp ringworm were found during the year, necessitating X-ray depilation under the Authority's scheme and full use was made of the Wood's diagnostic light. Specimens of hair can now be sent to the Public Health Laboratory in King's Park Road for identification. A careful watch is maintained at all the schools and day nurseries for possible cases, all doubtful cases being referred to the clinic for investigation.

SPEECH CLINIC.

Children recommended for speech training are in the first instance examined by the Ear, Nose and Throat Surgeon who, if he considers that such treatment would be beneficial, refers them to the Speech Therapist. Before discharge from the Speech Clinic all cases are again seen by the Surgeon.

The Speech Therapist attends the Clinic for one half day session weekly.

1.	No. of sessions conducted by Speech Therapist	.....	42
2.	No. of treatments given	.....	256
3.	No. of consultations	.....	18
4.	No. of new cases admitted during the year	.....	18
5.	No. of cases discharged	.....	15
6.	No. of children on register, December, 1947	.....	30

ARTIFICIAL SUNLIGHT CLINIC.

Artificial Sunlight Clinics are conducted at the Central Clinic, Itchen School Clinic and at the Borough Hospital Branch Clinic. Owing to the difficulty experienced with the direct current supply at the Health Centre, King's Park Road, sunlight treatment had to be discontinued but it is hoped that we shall be in a position to recommence treatment early in 1948. Arrangements have been made for the establishment of a Sunlight Clinic at Oatlands House, and treatments there are expected to commence in the new year. The following table gives details of the work carried out at the three centres during the year :—

	Mount Pleasant School Clinic Pre- School School Total			Itchen School Clinic Pre- School School Total			Borough Hospital Branch Clinic Pre- School School Total		
Children who attended for the first time in 1947	70	58	128	49	62	111	15	17	32
No. of attendances in 1947	612	515	1127	1087	1665	2752	162	175	337

IMMUNISATION AGAINST DIPHTHERIA.

A Publicity Campaign to encourage the greater acceptance of diphtheria immunisation was commenced in November and the treatment of approximately 2,000 children is now proceeding.

Owing to the infantile paralysis epidemic and the curtailing of clinic facilities it was not possible to hold this campaign as early in the year as had been done on previous occasions.

A special advertisement was prepared for display in the Corporation trams and 'buses, and the distribution of leaflets to children attending the Southampton schools was arranged through the Head Teachers. In addition, propaganda leaflets and consent forms were distributed by the Health Visitors and at the Maternity and Child Welfare Centres.

The number of children immunised during the year shows a reduction as compared with 1946, due to the fact that many treatments resulting from the publicity campaign will not be completed until early in 1948.

TABLE A.

The following table gives details of the treatment undertaken during the year :—

Number of new cases	.....	.....	.....	.....	2226
Number of Protective Injections :—					
Toxoid Antitoxin Floccules	First Injection	.....			70
„ „ „	Second Injection				36
„ „ „	Third Injection	.....			26
Alum Precipitated Toxoid	First Injection	.....			2156
„ „ „	Second Injection				2000
„ „ „	Additional „				993
					<hr/> 5281 <hr/>

TABLE B.

(Ministry of Health Annual Return for the Year Ended 31st December, 1947).

I. IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of Children who had completed a full course of Immunisation at any time up to 31st December, 1947.

Age at 31/12/47 i.e. born in year	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5-9 1938-1942	10-14 1933-1937	Total Under 15
Number Immunised	44	1249	1426	1751	1482	7742	9132	22826

II. DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION.

Notifications.			Deaths.		
Age at Date of Noti- fication	Number of Cases Notified	Number of Cases included in pre- ceding column in which the child had completed a full course of Immunisation	Age at Date of Death	No. of Deaths	Number of Cases included in pre- ceding column in which the child had completed a full course of Immunisation
Under 1	1	—	Under 1	—	—
1	—	—	1	—	—
2	1	—	2	—	—
3	—	—	3	—	—
4	—	—	4	—	—
5 to 9	3	2	5 to 9	—	—
10 to 14	1	1	10 to 14	—	—
TOTALS	6	3	TOTALS	—	—

EXAMINATION OF SPECIAL CASES.

Children suspected to be suffering from physical or mental defects requiring special educational facilities are referred for examination by the Education Department, private practitioners, Health Visitors, parents, etc., and from school medical inspection.

During the year under review, the following examinations have taken place :—

Physically defective children	117
Educationally subnormal and maladjusted children	84
	<hr/>
Total examinations	201
	<hr/>

Arising from these examinations, the undermentioned recommendations have been made and have been passed for the attention of the Education Department :—

PHYSICAL CASES.

Epileptic Colony	2
Open Air School for Delicate Pupils (Boarding)	17
School for Physically Handicapped Pupils (Boarding)	1
Hospital School for defects requiring specific medical or surgical treatment	2
Deaf School	7
Blind School	1
Partially Sighted School	1

MENTAL CASES.

Report to the Local Authority for the purposes of the Mental Deficiency Acts under Sub-section 3 of Section 57, Education Act, 1944	13
Special School (Boarding) as Educationally Subnormal	8
Special School (Boarding) as Educationally Subnormal (with provision for deaf children)	2
Special School (Day or Boarding) as Educa- tionally Subnormal	1
Special School (Day) as Educationally Sub- normal	1
Special School (Boarding) as Educationally Subnormal and Maladjusted	2
Special School (Boarding) as Maladjusted	3
Ordinary School as Educationally Subnormal	23
Ordinary School as Maladjusted	4
Ordinary School as Educationally Subnormal and Maladjusted	2

REPORT ON THE SCHOOL CLINICS HELD AT OATLANDS HOUSE HEALTH CENTRE.

Soon after its commencement in October, 1947, Oatlands House Health Centre entered into a quiet working routine which impressed all its visitors and patients. The clinic has provided a long-felt want in serving a densely populated area of Southampton and obviating the long journey to King's Park Road Health Centre.

All the usual clinic services are provided for children up to school age, for school children and for mothers of infants. With the convenient position of the Children's Hospital, further consultant opinions are obtainable and the Borough General Hospital, being well situated, provides x-ray and laboratory facilities and serves for sending in acutely ill children for immediate hospitalisation.

The child welfare clinics were well attended from the start and attendances were soon reaching 80, with an average of 30 consultations per afternoon session. Full consultations were given and medicine prescribed where necessary.

The school clinics were well attended also, being served both by referring to them children who were "picked up" at the routine school examinations and children who were brought along by their anxious mothers. Treatment was given in all cases, but those cases requiring further follow-up or more involved treatment were referred either to the Specialist clinics at King's Park Road or to the Children's Hospital.

Owing to the large turnover of school children attending the clinic, it was soon found that certain conditions could be treated on a routine basis affording opportunities for comparing the merits of various treatments. Threadworms, a most common complaint in children and giving rise to many other symptoms, was placed on a regular basis of treatment for all the children in the family and a marked success was recorded.

The tuberculin patch testing of children referred to the school clinic as being of sub-nutritional assessment, was carried out as a routine measure.

During the course of routine examination in the schools the Assistant School Medical Officer has been able to refer cases requiring further investigation to the Clinic for re-examination by himself. This was most useful from the point of view of getting the background of what the average child was like and following up children from their school environment into the school clinic. It was also useful from the point of view of detecting endocrine disorders on sight and being able to examine them and carry out anthropometric measurements in the clinic and then arranging for treatment.

The nearness of the Children's Hospital and its specialist facilities is a great boon and it is hoped that this will be extended even further in the future so that the Medical Officer at the Health Centre will be able to join in the activities at the Hospital ; thus giving him a full professional life, *i.e.*, working in both preventive and curative medicine.

REPORT ON THE SCHOOL CLINICS HELD AT ITCHEN SECONDARY SCHOOL.

The Skin Clinic has had a steady, even attendance. The most common conditions dealt with have been scabies, impetigo, acne, urticaria, and septic sores of varied origin. Plantar warts have occurred, but only sporadically.

The General Inspection Clinic has at times been very busy and, on occasions, as many as 50 or 60 children have been seen in one afternoon. It has been found convenient to see some of these general cases during the Skin Clinic, where numbers have been less. Children are referred from School Medical Inspection, by the head teachers, by general practitioners and by parents. General debility, respiratory and ear infections, and threadworm infestation are probably the commonest complaints. An occasional case of chickenpox, whooping cough or measles has been brought to the clinic for diagnosis, but this has been discouraged. Children requiring daily supervision are referred to the private doctor, but occasionally, in poorer families, this advice is not followed and in these cases, the children are seen at the clinic when possible.

ATTENDANCES AT MUNICIPAL CLINICS.

During the year, a total of 59,707 attendances were made by children at the various Clinics, which are summarised in the following table :—

Clinic	King's Park Road	Itchen	Oat- lands House	East Park Terrace	Branch Clinics	Total
Dental Clinic	—	5026	476	5787	821	12110
Skin Clinic	12595	4470	827	—	6232	24124
General Inspection	2730	1405	187	—	—	4322
Asthma Clinic	489	—	—	—	—	489
Rheumatism Clinic	219	—	—	—	—	219
Sunlight Clinic	1127	2752	—	—	337	4216
Ophthalmic Clinic	2748	—	—	—	—	2748
Ear, Nose and Throat Clinic	3166	—	—	—	—	3166
Orthopaedic Clinic	2831	—	—	—	—	2831
Special Cases	201	—	—	—	—	201
Immunisation Clinic	2268	1296	602	—	1115	5281
TOTALS	28374	14949	2092	5787	8505	59707

INFECTIOUS DISEASE.

The notifications received from the Head Teachers during the year are summarised in the following table :—

School	Scarlet Fever	Diph- theria	Measles	Chicken Pox	Whooping Cough	Mumps
Aldermoor	15	—	—	4	—	—
Ascupart	—	—	12	23	10	1
Bassett Green	4	—	88	35	24	4
Bevois Town	—	—	36	—	—	—
Bitterne C.E.	1	—	83	19	1	—
Bitterne Manor	—	—	30	2	7	—
Bitterne Park	6	—	88	75	4	2
Central	4	—	90	42	12	7
Chestnut Road	—	—	—	3	—	—
Deanery	—	—	—	7	1	—
Foundry Lane	6	—	38	101	7	9
Freemantle	3	—	37	31	1	4
Highfield	3	—	20	42	12	4
Laundry Road	1	—	4	9	3	—
Ludlow Road	3	—	107	66	5	2
Merry Oak	—	—	—	—	—	—
Mount Pleasant	—	—	42	1	2	—
Northam	—	1	27	19	10	—
Portswood	1	—	48	18	—	1
Regent's Park	2	—	97	24	4	1
Shirley Warren	1	—	—	5	—	—
Shirley	3	—	76	82	4	1
Sholing (Middle Road)	2	—	115	81	8	1
Springhill	—	1	45	20	—	1
St. Denys	6	1	—	6	8	5
St. John's	—	—	3	14	—	—
St. Joseph's	—	—	2	13	—	—
St. Jude's	—	—	—	5	2	—
St. Mark's	—	—	6	4	—	—
St. Mary's	—	1	2	34	7	—
St. Monica Road	—	—	—	—	—	—
Swaythling	1	—	29	6	3	1
Western	2	—	63	21	—	3
Westfield Hall	—	—	8	20	—	—
Woolston (Church Road)	—	—	57	47	6	—
Woolston (Porchester Road)	3	—	5	21	1	—
Woolston R.C.	3	—	40	12	2	—
TOTALS	70	4	1298	912	144	47

CHILDREN EXCLUDED FROM SCHOOL.

The following are particulars of the defects for which children were excluded from School :—

Adenitis	.....	.....	.....	.....	5
Adenoid Operations			.....	.....	28
Asthma	.....	.....	.....	.....	3
Bronchitis	.....	.....	.....	.....	11
Chicken Pox	.....	.....	.....	.....	9
Chorea	.....	.....	.....	.....	2
Conjunctivitis		.....	.....	.....	3
Debility.....	.....	.....	.....	.....	17
Dermatitis	.....	.....	.....	.....	2
Eczema	.....	.....	.....	.....	1
German Measles		.....	.....	.....	2
Impetigo	.....	.....	.....	.....	54
Influenza	.....	.....	.....	.....	1
Mastoid	.....	.....	.....	.....	3
Measles	.....	.....	.....	.....	4
Mumps	.....	.....	.....	.....	2
Otitis Media	.....	.....	.....	.....	3
Otorrhoea	.....	.....	.....	.....	8
Pediculosis Capitis		.....	.....	.....	993
Pleurisy	.....	.....	.....	.....	3
Rheumatism	.....	.....	.....	.....	1
Ringworm	.....	.....	.....	.....	13
Scabies	.....	.....	.....	.....	47
Sores	.....	.....	.....	.....	36
Tonsil Operations		.....	.....	.....	7
Tonsil and Adenoid Operations			.....	.....	321
Tonsillitis	.....	.....	.....	.....	13
Urticaria	.....	.....	.....	.....	2
Whooping Cough		.....	.....	.....	4
Miscellaneous	... .	.....	.....	.....	318
TOTAL					1916

PROVISION OF MEALS.

The total number of meals served during the year ended 31st December, 1947, was 1,267,652, excluding those served by the three Grammar Schools. Of this number, 1,066,016 were supplied on payment and 201,636 were supplied free.

The average number of children to whom meals were provided at all schools was 7,722, and these were drawn from the following :—

Aldermoor Junior Mixed	.....	195	Mt. Pleasant S.M. Girls	.....	96
Aldermoor Infants	.....	71	Mt. Pleasant Infants	.....	96
Ascupart Junior Mixed	.....	127	Northam Junior Mixed	.....	114
Ascupart Infants	.....	56	Portswood (All Depts.)	.....	190
Art School	.....	29	Pre-Nursing	.....	53
Bassett Green Junior Boys	.....	141	Regent's Park S.M. Boys	.....	143
Basset Green Junior Girls	.....	135	Regent's Park S.M. Girls	.....	79
Bassett Green Infants	.....	95	Regent's Park Infants	.....	56
Bevois Town Jun. Mix. & Infs.	.....	49	St. Denys	.....	142
Bitterne C. of E. Jun. Mix.	.....	200	St. Mary's C. of E. Jun.	.....
Bitterne Park S.M. Mixed	.....	132	Girls & Infants	.....	51
Bitterne Park Junior Mixed	.....	235	St. Mark's C. of E. Junior	.....
Bitterne Park Infants	.....	108	Mixed and Infants	.....	55
Bitterne Manor Junior	.....		St. Monica Road Junior	.....
Mixed and Infants	.....	90	Mixed and Infants	.....	245
Central Secondary Modern Boys	.....	197	St. Jude's C. of E. Infants	.....	64
Central Juniors	.....	160	St. John's Junior	.....
Chestnut Road Junior Mixed	.....	192	Mixed and Infants	.....	83
Deanery Secondary Modern	.....		St. Joseph's R.C.	.....
Mixed	.....	144	Mixed and Infants	.....	68
Foundry Lane	.....	385	Shirley Warren S.M. Boys	.....	101
Freemantle C. of E. Junior	.....		Shirley Warren S.M. Girls	.....	153
Mixed and Infants	.....	122	Shirley Juniors	.....	261
Highfield C. of E. Junior	.....		Shirley Infants	.....	102
Mixed and Infants	.....	108	Springhill R.C. Boys.....	.....	75
Junior Technical	.....	159	Springhill R.C. Girls	.....	114
Laundry Road Infants	.....	53	Springhill R.C. Infants	.....	61
Ludlow Road Junior Boys	.....	147	Swaythling S.M. Boys	.....	93
Ludlow Road Junior Girls	.....	147	Swaythling S.M. Girls	.....	79
Ludlow Road Infants	.....	41	Swaythling Junior Mixed	.....
Middle Road S.M. Girls	.....	106	and Infants	.....	103
Middle Road Junior Mixed	.....	106	Taunton's School	.....	497
Middle Road Infants	.....	91	Western S.M. Mixed	.....	173
Merry Oak Secondary Modern	.....		Western Infants	.....	64
Boys	.....	141	Woolston Secondary Modern	.....	178
			Woolston Infants	.....	57
			Woolston R.C. Mixed and Infs.	.....	114

COD LIVER OIL AND MALT.

During the year, 1,481 recommendations were made by Assistant School Medical Officers for the supply of Cod Liver Oil and Malt and the same number of children were supplied free.

MILK.

During the year, 3,705,643 third-pints of milk were consumed by children in the schools. (All school milk is supplied free of charge).

SUMMER SCHOOL, LEE-ON-SOLENT.

The following information concerning the recommencement of the Summer School has been extracted from the Superintendent's Annual Report for the year 1947.

The Summer School re-opened for its Tenth Season on 16th June, and closed again on the 3rd October. Two hundred and ninety-five children attended during this time, of whom 179 were boys from 12 schools, and 116 were girls from 10 schools. These children, who were all over twelve years of age, were selected as being those who would be most likely to derive marked benefit from a fortnight's open air life, and who would be unlikely to have a holiday away from home during the summer.

Owing to the lack of equipment and the impossibility of obtaining it in time, it has only been possible to take 60 children at a time, instead of the usual 120. During the five fortnightly periods, 13 teaching staff have attended, including three "trainees," while two remained for a week only. Normally, the number of staff for 60 children is three.

MEDICAL.

A fully qualified nurse has been in residence during the whole of the time that the school has been open. All children are inspected at the Clinics in Southampton before departure for the Summer School, and then they are weighed immediately on arrival. At the end of the first week, they are examined by the Nurse and weighed again. A final examination and weighing takes place on the day of departure from the school. The following figures give some idea of the results obtained from the health point of view, although it should be borne in mind that figures of this nature merely give an indication. One child may lose weight because it is homesick and pining to return, another may lose weight because it is too fat anyhow, and the extra exercise is doing its work. But a gain in weight can be taken generally to mean that the visit to the Summer School has been a beneficial one.

Date	No. of Children Weighed		Gained	Lost	No Change	Average Gain (lbs.)	Average Loss (lbs.)
	Boys	Girls					
16th June to 30th June	58	—	23	30	5	1.5	1.7
30th June to 14th July	—	57	45	8	4	2.0	1.0
14th July to 25th July	56	—	48	8	—	2.4	1.0
8th Sept. to 22nd Sept.	—	53	44	4	5	2.1	0.4
22nd Sept. to 3rd October	58	—	54	3	1	3.5	1.0

214 children gained $532\frac{3}{4}$ lbs. = average 2.4 lbs.

53 „ lost $73\frac{1}{4}$ lbs. = „ 1.3 lbs.

15 „ showed No Change.

Two girls were advised to return on medical grounds, and one of these was for dental treatment. Apart from these cases, there has been a clean bill of health, except for one or two instances of common colds, contracted during the last period.

DIETARY.

Owing to present day conditions, it is impossible to lay down rigid instructions as to the composition of the Menus. But a record is kept of all meals served, and a specimen picked at random, may be seen at Appendix A. The children have as varied a diet as is possible, and it is affirmed that the quality is good while the quantity is more than sufficient.

CONCLUSION.

Plans are already being prepared for the re-opening of the Summer School in the Spring of 1948. Lists of necessary equipment have been compiled, and suggestions for certain improvements have been passed to the proper authority. It is hoped that next year, the school will be able to accommodate its full complement of 120 children.

APPENDIX A.

	Breakfast	Dinner	Tea	Supper
MONDAY	Porridge Fried Tomatoes and Potatoes Bread & Butter Tea	Hamburger Steak Boiled Potatoes Green Peas Semolina Pudding	Bread & Butter Jam Lettuce Tea	Bread & Butter Cocoa
TUESDAY	Porridge Fried Bacon and Potatoes Bread & Butter Tea	Irish Stew Boiled Potatoes Bread & Butter Pudding	Bread & Butter Jam Tea	Bread & Butter Orange Cocoa
WEDNESDAY	Porridge Sausage & Fried Potatoes Bread & Butter Tea	Hot Pot Butter Beans Jam Tart	Bread & Butter Jam Cakes Tea	Bread & Butter Cocoa
THURSDAY	Porridge Fried Tomatoes and Potatoes Bread & Butter Tea	Roast Beef Roast & Boiled Potatoes Cabbage Macaroni Pudding	Bread & Butter Jam Tea	Bread & Butter Cocoa
FRIDAY	Porridge Bread & Butter Jam Orange Tea	Fried Fish Boiled Potatoes Haricot Beans Steamed Pudding and Custard	Bread & Butter Jam Lettuce Tea	Bread & Butter Cocoa
SATURDAY	Porridge Fried Bacon and Potatoes Bread & Butter Tea	Cottage Pie Cabbage Stewed Prunes and Custard	Bread & Butter Jam Tea	Bread & Butter Cheese Cocoa
SUNDAY	Wheat Flakes and Milk Boiled Eggs Bread & Butter	Roast Beef Roast and Boiled Potatoes Cabbage Stewed Fruit and Custard	Bread & Butter Jam Cakes Tea	Bread & Butter Cheese Cocoa

SOUTHAMPTON MENTAL WELFARE ASSOCIATION.

There were 29 cases on the Register of this Association on the 31st December, 1947, classified into the following grades :—

Under the age of 16 years.

	Boys	Girls	Total
Feeble-minded	13	7	20
Imbecile	—	—	—
			— 20

Over the age of 16 years.

Feeble-minded	3	5	8
Imbecile	—	1	1
			— 9
			—
			29
			—

During the year, 86 visits were paid to the homes of these children, and reports on the home circumstances and their general behaviour were sent to the Chief Education Officer and the School Medical Officer. No new cases were admitted during the year.

The following cases were withdrawn :—

Placed in Approved Schools	2
Placed under Statutory Supervision	5
Transferred to Voluntary Supervision on attaining the age of 16 years	7
Placed in Certified Institutions	1
Died	1

MEDICAL INSPECTION RETURNS.

YEAR ENDED 31ST DECEMBER, 1947.

TABLE 1.

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools.

A.—PERIODIC MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups :

Entrants	3090
Second Age Group	2504
Third Age Group	1345
TOTAL	6939

Number of other Periodic Inspections —

GRAND TOTAL 6939

B.—OTHER INSPECTIONS.

Number of Special Inspections	8427
Number of Re-Inspections	15858
TOTAL	24285

C.—PUPILS FOUND TO REQUIRE TREATMENT.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table IIa (3)	Total Individual Pupils (4)
Entrants	83	721	787
Second Age Group	143	562	650
Third Age Group	96	193	272
Total (prescribed groups)	322	1476	1709
Other Periodic Inspections	—	—	—
GRAND TOTAL	322	1476	1709

TABLE 2.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION.

De- fect No.	Defect or Disease	Periodic Inspections		Special Inspections	
		No. of defects		No. of Defects	
		Requiring treatment	Requiring to be kept under ob- servation but not requiring treatment	Requiring treatment	Requiring to be kept under ob- servation but not requiring treatment
	(1)	(2)	(3)	(4)	(5)
4	Skin	111	48	1287	18
5	Eyes—				
	a. Vision	322	237	312	459
	b. Squint	28	9	89	164
	c. Other	18	7	94	37
6	Ears—				
	a. Hearing	42	15	43	17
	b. Otitis Media	4	2	77	7
	c. Other	52	34	99	35
7	Nose or Throat	237	520	528	167
8	Speech	25	23	36	19
9	Cervical Glands	71	452	54	23
10	Heart and Circulation	54	51	24	14
11	Lungs	109	157	167	7
12	Developmental—				
	a. Hernia	7	8	7	5
	b. Other	17	42	11	—
13	Orthopaedic—				
	a. Posture	193	106	190	52
	b. Flat Foot	454	140	259	20
	c. Other	228	160	563	102
14	Nervous System—				
	a. Epilepsy	2	7	6	1
	b. Other	16	34	22	4
15	Psychological—				
	a. Development	23	36	56	1
	b. Stability	—	—	11	—
16	Other	170	118	1827	147

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS
INSPECTED DURING THE YEAR IN THE AGE GROUPS.

Age Groups	No. of Pupils Inspected	A (Good)		B (Fair)		C (Poor)	
		No.	% of col. 2	No.	% of col. 2	No.	% of col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants	3090	1495	48.4	1472	47.6	123	4.0
Second Age Group	2504	1411	56.3	1026	41.0	67	2.7
Third Age Group	1345	863	64.2	465	34.6	17	1.2
Other Periodic Inspections	—	—	—	—	—	—	—
TOTAL	6939	3769	54.3	2963	42.7	207	3.0

TABLE 3.
TREATMENT TABLES.

NOTES.

(a) The Tables should deal with all defects during the year, however they were brought to the Authority's notice, *i.e.*, whether by periodic inspection, special inspection, or otherwise, during the year in question or previously.

(b) Owing to the difficulty of distinguishing between cases treated under the Authority's schemes and those treated otherwise, the treatment tables (excluding dental) should include all cases known to the Authority to have received treatment, whether at their own clinics or elsewhere.

GROUP 1.—MINOR AILMENTS (excluding Uncleanliness, for which see Table V.)

(a)								No. of Defects treated or under treat- ment during the year
SKIN—								
Ringworm-Scalp—								
(i)	X-ray treatment.	.....	.....	.....	.....	.....	.....	5
(ii)	Other treatment	.....	.....	.....	.....	.....	.....	3
Ringworm-Body		.....	.....	.....	.....	.....	.....	15
Scabies		.....	.....	.....	.....	.....	.....	100
Impetigo		.....	.....	.....	.....	.....	.....	153
Other skin diseases		.....	.....	.....	.....	.....	.....	1044
EYE DISEASE—		.....	.....	.....	.....	.....	.....	106
(External and other, but excluding errors of refraction, squint and cases admitted to hospital)								
EAR DEFECTS		.....	.....	.....	.....	.....	.....	266
MISCELLANEOUS		.....	.....	.....	.....	.....	.....	626
(e.g., minor injuries, bruises, sores, chilblains, etc.)								
TOTAL		.....	.....	.....	.....	.....	.....	2318
b)	Total number of attendances at Authority's minor ailments							
	Clinics	.....	.....	.....	.....	.....	.....	24124

GROUP 2.—DEFECTIVE VISION AND SQUINT (excluding Eye Disease treated as Minor Ailments—Group 1).

	No. of defects dealt with
ERRORS OF REFRACTION (including squint).	548
Other defect or disease of the eyes (excluding those recorded in Group 1).....	72
	<hr/>
TOTAL	620
	<hr/>
No. of Pupils for whom spectacles were (a) Prescribed	511
(b) Obtained	498

GROUP 3.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

	Total number treated
Received operative treatment—	
(a) For adenoids and chronic tonsillitis	404
(b) For other nose and throat conditions	16
Received other forms of treatment	438
	<hr/>
TOTAL	858
	<hr/>

GROUP 4.—ORTHOPAEDIC AND POSTURAL DEFECTS.

(a) No. treated as in-patients in hospitals or hospital schools	70
(b) No. treated otherwise, <i>e.g.</i> , in clinics or out-patient departments	1398

GROUP 5.—CHILD GUIDANCE TREATMENT AND SPEECH THERAPY.

No. of pupils treated (a) under Child Guidance arrangements	—
(b) under Speech Therapy arrangements	45

TABLE 4.
DENTAL INSPECTION AND TREATMENT.

(1)	No. of pupils inspected by the Authority's Dental Officers—						
(a)	Periodic age groups	.....	.....	.....	.....	.....	6718
(b)	Specials	.....	.....	.....	.....	.....	2849
(c)	TOTAL (Periodic and Specials)						9567
(2)	No. found to require treatment						5728
(3)	No. actually treated						4124
(4)	Attendances made by pupils for treatment						10341
(5)	Half-days devoted to	(a)	Inspection	.....	.....	.....	50
		(b)	Treatment	.....	.....	.....	1182
	Total (a) and (b)						1232
(6)	Fillings	Permanent Teeth		.....	.....	.....	4244
		Temporary Teeth		.....	.....	.....	1125
	Total						5369
(7)	Extractions	Permanent Teeth		.....	.....	.....	1009
		Temporary Teeth		.....	.....	.....	5718
	Total						6727
(8)	Administration of general anaesthetics						2568
(9)	Other Operations :	(a)	Permanent Teeth	.....	.....	.....	569
		(b)	Temporary Teeth	.....	.....	.....	604
	Total (a) and (b)						1173

TABLE 5.
INFESTATION WITH VERMIN.

NOTES.—A statement as to the arrangements made by the Local Education Authority for the examination and cleansing of infested pupils should appear in the body of the School Medical Officer's Report.

All cases of infestation, however slight, are recorded.

The return relates to individual pupils and not to instances of infestation.

(i)	Total number of examinations in the schools by the school nurses or other authorised persons	.....	.....	69304
(ii)	Total number of individual pupils found to be infested			723
(iii)	No. of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)			723
(iv)	No. of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)			—

